

143300 to 143457

Illustrated Parts List

MODEL SERIES

143300 to 143457

TYPE NUMBERS

0110 to 0293

502500 to 502959

TO FIND

THE CORRECT NUMBER OF THE PART YOU NEED:

FOLLOW THE INSTRUCTIONS BELOW.

- A. Refer to Engine Model, Type and Serial Number that is stamped on the blower housing or name plate of engine. (Engine type numbers such as 502958 are listed complete. Engine type numbers such as 0147 01 are listed herein only as 0147. The two digits (01 or 02, etc.) to the right of the space are not needed for parts identification). Then use the Illustrated Parts List covering these Model Series.
- B. Refer to Illustrated Parts section and compare the old part with illustration. The number on the illustration is the Reference Number. Assemblies include all parts shown in frames. All parts shown in assembly frames on which individual reference numbers are given can be purchased separately.
- C. After the Reference Number has been identified, refer to the Numerical Parts List, where Reference and Master Part Numbers are listed. **THE MASTER PART IS USED ON ALL TYPE NUMBERS EXCEPT THOSE TYPE NUMBERS UNDER "NOTE"**
- D. If a "Note" appears below the Master Part Number, this means that this part differs from the Master Part for certain types. If the Type Number is listed under "Note", order the part referred to.
- E. If the Engine Type Number does not appear after any part number listed under "Note", use the Master Part Number.
- F. For Type Numbers higher than those covered by this book, please refer to the factory if you are unable to identify the part by comparison.

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★ REQUIRES SPECIAL TOOLS FOR INSTALLING

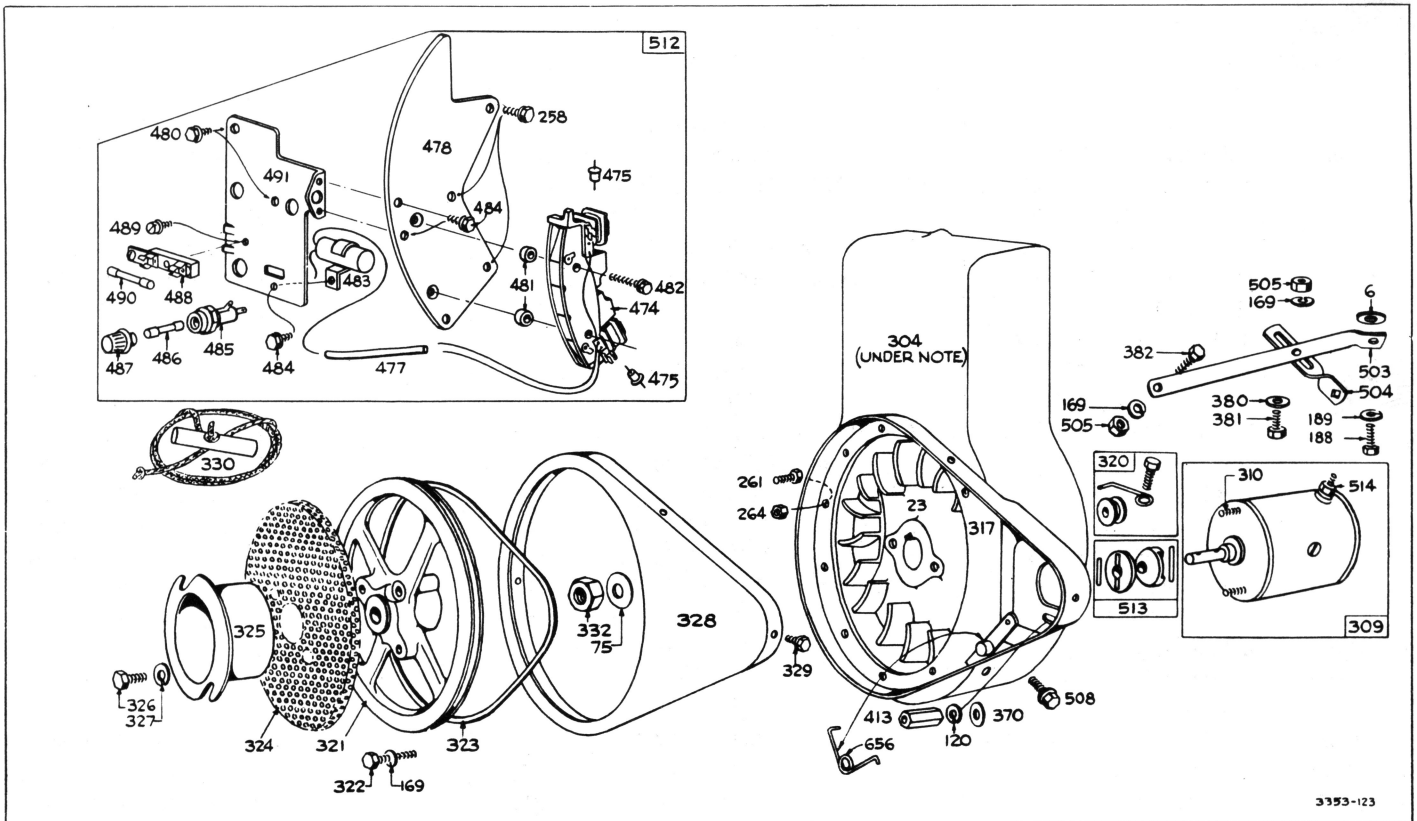
358 GASKET SET

3351-45

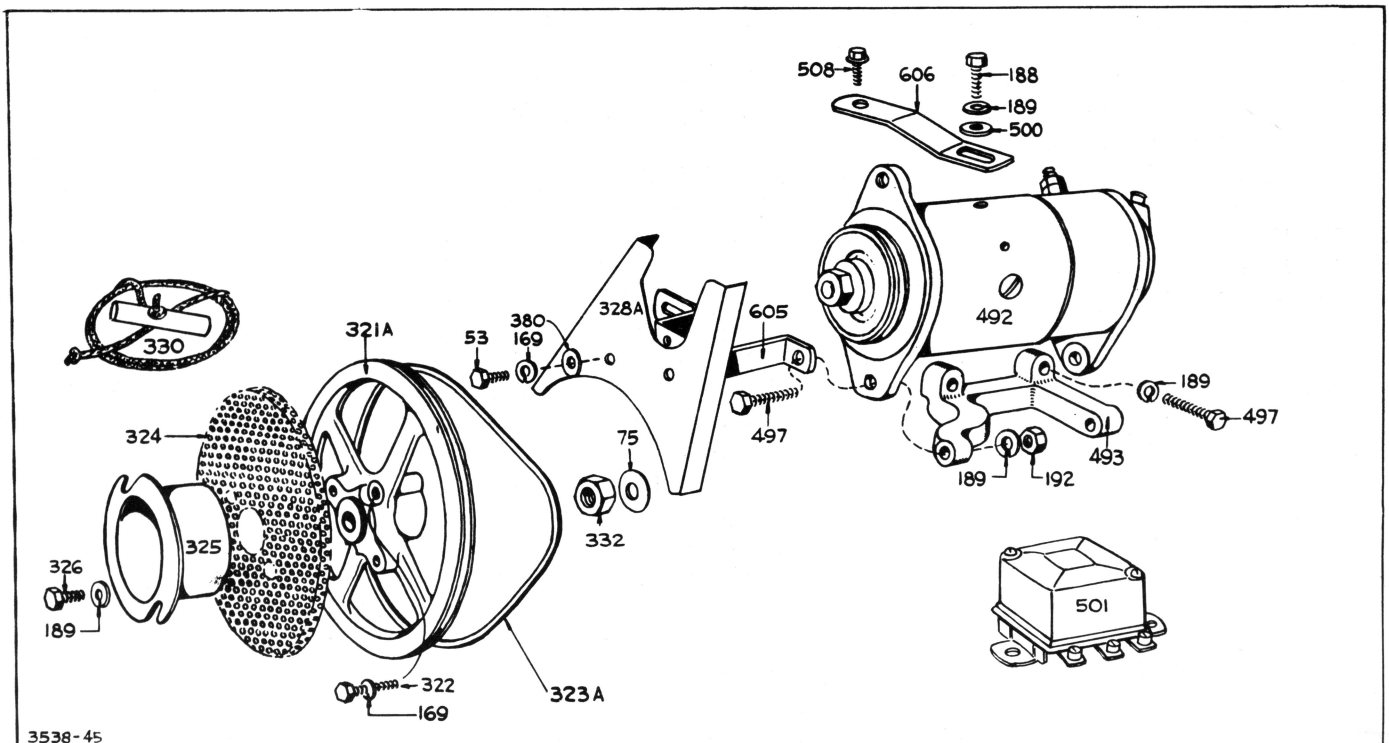
This diagram illustrates the exploded view of a carburetor assembly, showing the main body and various internal components. Key parts include the main body (304), throttle cable (518), throttle linkage (332), and various jets and needles (e.g., 279, 278, 277, 276, 273, 272, 271, 268, 269, 270). The diagram also shows the carburetor bowl (182) and its associated components (181, 180, 189, 188, 187, 185, 184, 183, 241, 242, 243, 244, 245, 246, 247, 240). A note indicates that special tools are required for installation.

121 CARBURETOR OVERHAUL KIT

2



Assemblies include all parts shown in frames.



Assemblies include all parts shown in frames.

143300 to 143457

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	296953	Cylinder Assembly Note: 297266 Cylinder Assy. Used on type Nos. 0143, 0165, 0173, 0178, 0197, 0213, 0220, 0223, 0241, 0244, 0257, 0259, 0262, 0282, 0289, 502543, 502605, 502684, 502695, 502722, 502733, 502744, 502759, 502789, 502805, 502812, 502829, 502835, 502837, 502842, 502849, 502864, 502867, 502876, 502889, 502891, 502892, 502914, 502932, 502936, 502942, 502946, 502951, 502957.			where tank bracket mounts to Cylinder Head.			502920, 502925, 502928, 502932, 502936, 502946, 502957.
2	295962	Bushing—Cylinder Note: Requires special tools for installation.	14	93211	Screw — Cylinder Head (2-21/32" long)			260389 Crankshaft Used on type Nos. 0120, 0121, 0123, 0139, 0140, 0141, 0142, 0159, 0164, 0178, 0181, 0185, 0187, 0189, 0198, 0203, 0206, 0210, 0214, 0240, 0260, 0276, 502546, 502561, 502566, 502571, 502580, 502582, 502588, 502596, 502602, 502608, 502613, 502614, 502615, 502628, 502630, 502633, 502638, 502643, 502647, 502650, 502652, 502666, 502668, 502674, 502699, 502703, 502704, 502709, 502717, 502719, 502720, 502721, 502724, 502738, 502741, 502744, 502746, 502750, 502751, 502757, 502758, 502783, 502784, 502792, 502794, 502796, 502801, 502841, 502850, 502859, 502878, 502884, 502892, 502896, 502897, 502911, 502915, 502931.
3	294606	Seal—Oil	15	91084	Plug — Oil Drain Note: 93418 Plug — Oil Drain Used on type Nos. 0149, 0166, 0278, 0286, 502762, 502812, 502923, 502924.			260407 Crankshaft Used on type Nos. 502528, 502861.
4	221001	Plate—Cylinder Baffle						260423 Crankshaft Used on type Nos. 0161, 0167, 0191, 0192, 0241, 0268, 0273, 0279, 0280, 502543, 502548, 502574, 502606, 502636, 502653, 502684, 502694, 502733, 502734, 502742, 502747, 502767, 502795, 502853, 502865, 502874, 502886, 502930.
5	210578	Head—Cylinder	16	260315	Crankshaft Note: 260358 Crankshaft Used on type Nos. 0115, 0116, 0127, 0128, 0132, 0134, 0135, 0136, 0137, 0143, 0148, 0158, 0171, 0172, 0176, 0188, 0205, 0213, 0220, 0249, 0261, 0263, 0264, 0291, 502535, 502545, 502550, 502562, 502568, 502576, 502585, 502605, 502619, 502631, 502632, 502645, 502646, 502655, 502656, 502659, 502685, 502686, 502690, 502701, 502702, 502722, 502732, 502735, 502745, 502748, 502752, 502789, 502797, 502805, 502810, 502833, 502835, 502838, 502849, 502857, 502873, 502880, 502882, 502927, 502952, 502956.			260425 Crankshaft Used on type Nos. 0125, 0126, 0131, 0133, 0147, 0151, 0157, 0168, 0180, 0183, 0186, 0195, 0197, 0199, 0200, 0202, 0208, 0211, 0218, 0225, 0230,
6	22963	Washer—Plain						
7	*270340	Gasket—Cylinder Head Note: Two No. 270340 Cylinder Head Gaskets are used on type Nos. 0192, 0218, 0230, 0231, 0239, 0240, 0249, 0252, 0264, 0272, 0280, 502659, 502665, 502680, 502681, 502686, 502688, 502714, 502801, 502806, 502834, 502873, 502930, 502941.						
8	294948	Breather Assembly						
9	*27803	Gasket—Valve Cover						
10	93394	Screw—Breather Mounting Sem						
11	67068	Tube—Breather						
12	*27750	Gasket—Crankcase Cover—1/64" thick						
	*27876	Gasket—Crankcase Cover—.005" thick						
	*27877	Gasket—Crankcase Cover—.009" thick						
13	93210	Screw—Cylinder Head (2-9/32" long) Note: 93211 Screw—Cylinder Head (2-21/32" long) Used on type No. 502816						

* Included in Gasket Set—Part No. 295970.

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
		0231, 0234, 0235, 0237, 0242, 0243, 0244, 0248, 0252, 0254, 0256, 0257, 0258, 0259, 0265, 0270, 0271, 0277, 0282, 0284, 0285, 0288, 0289, 502544, 502557, 502560, 502569, 502570, 502579, 502583, 502591, 502595, 502599, 502604, 502609, 502616, 502620, 502622, 502627, 502639, 502640, 502642, 502648, 502649, 502658, 502662, 502663, 502672, 502673, 502675, 502680, 502681, 502683, 502688, 502691, 502696, 502698, 502700, 502712, 502715, 502718, 502723, 502730, 502737, 502749, 502764, 502766, 502769, 502771, 502774, 502775, 502777, 502778, 502780, 502782, 502785, 502787, 502790, 502793, 502799, 502806, 502813, 502814, 502818, 502822, 502837, 502840, 502842, 502848, 502863, 502864, 502866, 502867, 502871, 502877, 502891, 502905, 502906, 502910, 502913, 502917, 502919, 502922, 502926, 502937, 502938, 502939, 502940, 502941, 502942, 502948.			Used on type Nos. 0138, 0250, 0251, 502677, 502862, 502868. 260586 Crankshaft Used on type Nos. 502587, 502854. 260607 Crankshaft Used on type Nos. 0145, 0169, 0228, 0278, 0286, 0290, 0292, 502525, 502731, 502762, 502788, 502817, 502852, 502860, 502898, 502907, 502921, 502923, 502924, 502953, 502958. 260609 Crankshaft Used on type Nos. 0150, 0177, 502532, 502533, 502567, 502584, 502697, 502779, 502815, 502827, 502889. 260644 Crankshaft Used on type Nos. 0193, 502836, 502901. 260667 Crankshaft Used on type Nos. 0266, 502832, 502883. 17 29530 Bearing—Ball 18 295868 Cover Assy.—Crankcase Note: 295872 Cover Assembly—Crankcase Used on type Nos. 502521, 502626. 295876 Cover Assembly—Crankcase Used on type Nos. 0160, 0169, 0278, 0286, 0290, 0292, 502520, 502523, 502526, 502527, 502549, 502558, 502587, 502621, 502679, 502682, 502693, 502743, 502762, 502772, 502804, 502817, 502824, 502854, 502870, 502872, 502916, 502923, 502924, 502958. 295958 Cover Assembly—Crankcase Used on type Nos. 0115, 0116, 0127, 0128, 0132, 0133, 0136, 0137, 0138, 0143, 0147, 0148, 0150,			0151, 0154, 0155, 0157, 0158, 0161, 0162, 0165, 0166, 0167, 0168, 0170, 0171, 0172, 0175, 0176, 0180, 0182, 0183, 0184, 0186, 0188, 0190, 0191, 0192, 0193, 0195, 0199, 0200, 0201, 0202, 0205, 0207, 0208, 0211, 0212, 0213, 0217, 0220, 0221, 0222, 0223, 0224, 0225, 0230, 0231, 0234, 0235, 0237, 0241, 0242, 0243, 0245, 0248, 0249, 0250, 0251, 0254, 0255, 0257, 0258, 0259, 0261, 0262, 0263, 0264, 0265, 0268, 0270, 0271, 0273, 0275, 0277, 0279, 0280, 0282, 0283, 0284, 0285, 0288, 0289, 0291, 502535, 502543, 502544, 502545, 502548, 502557, 502562, 502565, 502570, 502573, 502574, 502576, 502579, 502583, 502585, 502586, 502589, 502591, 502592, 502594, 502595, 502599, 502601, 502605, 502606, 502609, 502616, 502619, 502622, 502624, 502629, 502631, 502632, 502636, 502639, 502640, 502641, 502642, 502645, 502646, 502648, 502649, 502653, 502654, 502655, 502656, 502658, 502659, 502661, 502663, 502671, 502672, 502673, 502675, 502677, 502678, 502680, 502681, 502683, 502684, 502685, 502686, 502688, 502690, 502691, 502694, 502695, 502696, 502698, 502700, 502701, 502702, 502708, 502713, 502714, 502715, 502718, 502722, 502723, 502725, 502732, 502733, 502734, 502735, 502736, 502737, 502742, 502745, 502747, 502748, 502749, 502752, 502759, 502763,

143300 to 143457

REF. PART NO. NO.	DESCRIPTION	REF. PART NO. NO.	DESCRIPTION	REF. PART NO. NO.	DESCRIPTION
	502766, 502767, 502769, 502771, 502774, 502775, 502776, 502777, 502778, 502780, 502782, 502785, 502787, 502789, 502790, 502793, 502795, 502797, 502799, 502800, 502802, 502803, 502805, 502806, 502807, 502808, 502810, 502812, 502814, 502818, 502825, 502829, 502833, 502835, 502836, 502837, 502838, 502839, 502840, 502846, 502848, 502849, 502851, 502853, 502857, 502862, 502863, 502864, 502865, 502866, 502867, 502868, 502871, 502873, 502874, 502876, 502879, 502880, 502882, 502886, 502891, 502895, 502902, 502905, 502906, 502910, 502913, 502914, 502917, 502919, 502920, 502922, 502925, 502927, 502928, 502930, 502932, 502934, 502936, 502938, 502939, 502940, 502942, 502946, 502948, 502949, 502952, 502956, 502957. 296075 Cover Assembly— Crankcase Used on type Nos. 0120, 0121, 0123, 0139, 0140, 0141, 0142, 0159, 0164, 0178, 0181, 0185, 0187, 0189, 0198, 0203, 0206, 0210, 0214, 0240, 0260, 0276, 502546, 502561, 502566, 502571, 502580, 502582, 502588, 502596, 502602, 502608, 502613, 502614, 502615, 502628, 502630, 502633, 502638, 502643, 502647, 502650, 502652, 502666, 502668, 502674, 502699, 502703, 502704, 502709, 502717, 502719, 502720, 502721, 502724, 502738, 502741, 502744, 502746, 502750, 502751,		502757, 502758, 502783, 502784, 502792, 502794, 502796, 502801, 502841, 502859, 502878, 502884, 502892, 502896, 502897, 502911, 502915, 502931. 296184 Cover Assembly— Crankcase Used on type Nos. 0125, 0126, 0131, 0149, 0177, 0197, 0209, 0218, 0244, 0252, 0256, 502560, 502604, 502617, 502620, 502627, 502660, 502662, 502664, 502712, 502730, 502739, 502764, 502813, 502815, 502822, 502827, 502832, 502842, 502883, 502901, 502903, 502904, 502926, 502933, 502937, 502941. 296256 Cover Assembly— Crankcase Used on type No. 502584. 296321 Cover Assembly— Crankcase Used on type Nos. 0146, 0246, 502577, 502578, 502597, 502625, 502740, 502786. 296373 Cover Assembly— Crankcase Used on type Nos. 502532, 502533, 502567. 297407 Cover Assembly— Crankcase Used on type Nos. 0156, 502877, 502894. 297533 Cover Assembly— Crankcase Used on type Nos. 502726, 502727, 502850. 297790 Cover Assembly— Crankcase Used on type No. 502889. 19 295964 Bushing—Crankcase Cover Note: Requires special tools for installation. 20 298423 Seal—Oil		21 66768 Plug—Oil Filler 22 93205 Screw — Crankcase Cover Mounting Sem 23 295214 Flywheel Note: 296335 Flywheel— Magneto Used on type Nos. 0114, 0130, 0131, 0134, 0135, 0139, 0140, 0169, 0204, 0246, 0278, 502610, 502611, 502620, 502625, 502626, 502630, 502631, 502632, 502633, 502635, 502664, 502667, 502693, 502726, 502740, 502743, 502756, 502766, 502822, 502832, 502856, 502861, 502903, 502953, 502958. 24 61760 Key—Flywheel 25 295842 Piston Assy.—Standard 295846 Piston Assembly— .010" O.S. 295848 Piston Assembly— .020" O.S. 295850 Piston Assembly— .030" O.S. 26 295852 Ring Set—Piston—Std. Consists of: 210703 Ring — Piston, Comp., Top, Std. 210601 Ring — Piston, Comp., Center, Std. 295843 Ring — Piston, Oil, Standard (w/expander) 295853 Ring Set—Piston— .010" O.S. Consists of: 210889 Ring — Piston, Comp., Top, .010" O.S. 210890 Ring — Piston,

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
		Comp., Center, .010" O. S. 295847 Ring — Piston, Oil, .010" O. S. (w/expander) 295854 Ring Set—Piston— .020" O. S. Consists of: 210893 Ring — Piston, Comp., Top, .020" O. S. 210894 Ring — Piston, Comp., Center, .020" O. S. 295849 Ring — Piston, Oil, .020" O. S. (w/expander) 295855 Ring Set—Piston— .030" O. S. Consists of: 210897 Ring— Piston, Comp., Top, .030" O. S. 210898 Ring— Piston, Comp., Center, .030" O. S. 295851 Ring— Piston, Oil, .030" O. S. (w/expander)		Note: 260444 Valve—Exhaust Used on type Nos. 0143, 0151, 0161, 0165, 0173, 0176, 0178, 0195, 0197, 0205, 0211, 0213, 0220, 0223, 0236, 0241, 0242, 0244, 0253, 0254, 0257, 0259, 0262, 0268, 0282, 0283, 0285, 0288, 0289, 502543, 502589, 502605, 502636, 502671, 502675, 502684, 502695, 502722, 502733, 502742, 502744, 502759, 502767, 502775, 502789, 502800, 502805, 502812, 502829, 502835, 502837, 502842, 502849, 502857, 502864, 502865, 502867, 502876, 502889, 502891, 502892, 502914, 502932, 502936, 502938, 502942, 502946, 502948, 502951, 502956, 502957. 34 230386 Valve—Intake Note: 230385 Valve—Intake Used on type Nos. 0143, 0151, 0161, 0165, 0173, 0176, 0178, 0195, 0197, 0205, 0211, 0213, 0220, 0223, 0236, 0241, 0242, 0244, 0253, 0254, 0257, 0259, 0262, 0268, 0282, 0283, 0285, 0288, 0289, 502543, 502589, 502605, 502636, 502671, 502675, 502684, 502742, 502744, 502759, 502767, 502775, 502789, 502800, 502805, 502812, 502829, 502835, 502837, 502842, 502849, 502857, 502864, 502865, 502867, 502876, 502889, 502891, 502892, 502914, 502932, 502936, 502938, 502942, 502946, 502948, 502951, 502956, 502957. 35 65906 Spring—Intake Valve 36 65906 Spring—Exhaust Valve Note: 26828 Spring—Exhaust Valve Used on type Nos. 0143, 0151, 0161, 0165, 0173,		0176, 0178, 0195, 0197, 0205, 0211, 0213, 0220, 0223, 0236, 0241, 0242, 0244, 0253, 0254, 0257, 0259, 0262, 0268, 0282, 0283, 0285, 0288, 0289, 502543, 502589, 502605, 502636, 502671, 502675, 502684, 502695, 502722, 502733, 502742, 502744, 502759, 502767, 502775, 502789, 502800, 502805, 502812, 502829, 502835, 502837, 502842, 502849, 502857, 502864, 502865, 502867, 502876, 502889, 502891, 502892, 502914, 502932, 502936, 502938, 502942, 502946, 502948, 502951, 502956, 502957. 40 230477 Retainer—Valve Spring Note: 292260 Rotocap— Exhaust Valve Used on type Nos. 0143, 0151, 0161, 0165, 0173, 0176, 0178, 0195, 0197, 0205, 0211, 0213, 0220, 0223, 0236, 0241, 0242, 0244, 0253, 0254, 0257, 0259, 0262, 0268, 0282, 0283, 0285, 0288, 0289, 502543, 502589, 502605, 502636, 502671, 502675, 502684, 502695, 502722, 502733, 502742, 502744, 502759, 502767, 502775, 502789, 502800, 502805, 502812, 502829, 502835, 502837, 502842, 502849, 502857, 502864, 502865, 502867, 502876, 502889, 502891, 502892, 502914, 502932, 502936, 502938, 502942, 502946, 502948, 502951, 502956, 502957. 43 230476 Pin—Valve Spring Ret. Note: 230570 Pin—Ex. Valve Rotocap Retainer 230569 Retainer— Ex. Valve Rotocap Used on type Nos. 0143,		

143300 to 143457

REF. PART NO. NO. DESCRIPTION	REF. PART NO. NO. DESCRIPTION	REF. PART NO. NO. DESCRIPTION
		81 220234 Lock—Gear Case Mounting Screw
0151, 0161, 0165, 0173, 0176, 0178, 0195, 0197, 0205, 0211, 0213, 0220, 0223, 0236, 0241, 0242, 0244, 0253, 0254, 0257, 0259, 0262, 0268, 0282, 0283, 0285, 0288, 0289, 502543, 502589, 502605, 502636, 502671, 502675, 502684, 502695, 502722, 502733, 502742, 502744, 502759, 502767, 502775, 502789, 502800, 502805, 502812, 502829, 502835, 502837, 502842, 502849, 502857, 502864, 502865, 502867, 502876, 502889, 502891, 502892, 502914, 502932, 502936, 502938, 502942, 502946, 502948, 502951, 502956, 502957.	56 295871 Pulley—Rewind Starter 57 294303 Spring—Rewind Starter 58 66564 Rope—Rewind Starter (63" long) Note: If longer rope is needed, order No. 66574 and cut to required length.	82 92502 Screw—Cap 83 296052 Shaft Assembly—Drive Note: 296298 Shaft Assy. — Drive Used on type No. 502638.
45 260125 Tappet—Valve	59 230228 Pin—Starter Grip	84 92617 Plug—Breather
46 210728 Gear—Cam	60 66728 Grip—Starter Rope	85 91386 Screw—Gear Case Cover Mounting
50 210705 Elbow—Intake	61 66918 Bumper—Starter Pulley	86 296053 Cover Assy. —Gear Case
51 †*65647 Gasket—Intake Elbow	62 93254 Screw—Pulley Bumper Mounting Sem	87 298423 Seal—Oil
52 *27828 Gasket—Intake Elbow Mounting	63 260414 Spring—Ratchet	88 27328 Gasket—Gear Case Cover
53 93329 Screw—Sem Note: 93158 Screw—Sem Used to mount Belt Guard to Bracket on type Nos. 0236, 0242, 0244, 502813, 502844, 502916, 502950.	64 230543 Adapter—Ratchet Spring 65 93163 Screw—Rewind Starter Housing Mounting Sem 66 295684 Clutch Assy. —Rewind Starter 67 210400 Housing—Rewind Starter Clutch 68 63770 Ball—Clutch 69 66718 Washer—Starter Clutch, Thrust	89 91488 Plug—Oil Drain 90 295857 Carburetor Assembly (Manual Choke) Carburetor No. 295857 is used on Model 143300 Series engines except as follows: Note: 295942 Carburetor Assy. (Choke-A-Matic) Used on type Nos. 0129, 0130, 0135, 0140, 0204, 0228, 502516, 502519, 502520, 502522, 502529, 502530, 502539, 502542, 502549, 502553, 502557, 502559, 502575, 502607, 502610, 502622, 502623, 502632, 502633, 502634, 502635, 502667, 502673, 502700, 502716, 502738, 502768, 502773, 502775, 502784, 502809, 502811, 502819, 502820, 502824, 502852, 502855, 502856, 502860, 502913, 502943.
54 93208 Screw—Intake Elbow Mounting Sem Note: 92683 Screw—Intake Elbow Mounting 90832 Washer—Lock—1/4 x 3/32 x 5/64" Used on type Nos. 0155, 0244, 502752, 502776, 502803, 502829, 502839, 502862, 502902, 502957.	70 296916 Ratchet—Rewind Starter Clutch 71 221301 Washer—Retainer (with flange) (Used in clutches with square shaft ratchet) Note: 220575 Washer—Retainer Used in clutches with 7 point ratchet	296090 Carburetor Assy. (Mechanical Governor—Manual Choke) (Used on Model 143400 Series) 296557 Carburetor Assy. (Kerosene) Used on type Nos. 0192, 0230, 0231, 0239, 0240, 0249, 0264, 0272, 502659, 502665, 502681, 502686, 502688, 502801, 502806, 502834, 502873,
55 295272 Housing—Rewind Starter Note: 297663 Housing—Rewind Starter Used on type Nos. 0151, 502948. Uses: 230581 Nut, Mtg. (4)	72 26032 Ring—Clutch Retainer 73 220823 Screen—Rewind Starter 74 93042 Screw—Rotating Screen Mounting Sem 75 220865 Washer—Spring 76 66688 Washer—Ratchet Sealing (Used with 7 point shank ratchet) Note: 270045 Washer—Ratchet Sealing 260517 Spring—Ratchet Sealing Washer Used on type Nos. 0267, 502727, 502850, 502881, 502931. 79 296179 Case Assembly—Gear 80 27884 Gasket—Gear Case to Crankcase Cover	

* Included in Gasket Set—Part No. 295970.

† Included in Carburetor Overhaul Kit—Part No. 295938.

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
		502930. 296656 Carburetor Assy. (Kerosene—Mechanical Governor) Used on type Nos. 0218, 0252, 0280, 502680, 502714, 502941. 296726 Carburetor Assy. (L. P. Gas) Used on type Nos. 502574, 502732. 297103 Carburetor Assy. Used on type Nos. 502671, 502800. 297469 Carburetor Assy. (Automatic Choke—Mechanical Governor) Used on type Nos. 0138, 0244, 502752, 502803, 502839, 502862, 502902, 502957. 297470 Carburetor Assy. (Automatic Choke—Mechanical Governor) Used on type No. 502829. 297684 Carburetor Assy. (L. P. Gas) Used on type No. 502871. 298210 Carburetor Assy. (Automatic Choke—Mechanical Governor) Used on type Nos. 0155, 502776. 298591 Carburetor Assy. Used on type No. 0275.			502574, 502732. Body—Upper Carburetor Bushing—Throttle Shaft Valve Assembly—Carburetor Idle Screw—Throttle and Choke Valve Mtg. Sem Valve—Throttle Shaft and Lever—Throttle (Used on Model 143300 Series) Note: 296293 Shaft and Lever—Throttle (Used on Model 143400 Series) Screw—Machine, Fil. Hd. 8-32 x 5/8" Spring—Throttle Adjustment Stop—Throttle (Used on Model 143300 Series) Note: 61967 Stop—Throttle (Used on Model 143400 Series) Pin—Throttle Stop and Governor Shaft Gasket—Carburetor Body Float—Carburetor Pin—Float Hinge Valve and Seat—Fuel Inlet Note: 297102 Valve and Seat—Fuel Inlet Used on type Nos. 0155, 502671, 502776, 502800, 502829. Gasket—Fuel Inlet Valve Seat Body Assembly—Lower Carburetor Note: 295883 Body Assembly—Lower Carburetor (Choke-A-Matic) Used on type Nos. 0129, 0130, 0135, 0140, 0204, 0228, 502516, 502519, 502520, 502522, 502529, 502530, 502539, 502542, 502549, 502553, 502557, 502559, 502575, 502607, 502610, 502622, 502623,			502632, 502633, 502634, 502635, 502667, 502673, 502700, 502716, 502738, 502768, 502773, 502775, 502784, 502809, 502811, 502819, 502824, 502829, 502852, 502855, 502856, 502860, 502913, 502943. 296727 Body Assembly—Lower Carburetor Used on type Nos. 502574, 502732, 502871. 297496 Body Assembly—Lower Carburetor Used on type Nos. 0138, 0155, 0244, 502752, 502776, 502803, 502829, 502839, 502862, 502902, 502957. Valve—Choke Note: 22954 Valve—Choke Used on type Nos. 0138, 0155, 0244, 502752, 502776, 502803, 502829, 502839, 502862, 502902, 502957. Shaft and Lever—Choke Note: 295372 Shaft Assembly—Choke (Choke-A-Matic) Used on type Nos. 0129, 0130, 0135, 0140, 0204, 0228, 502516, 502519, 502520, 502522, 502529, 502530, 502539, 502542, 502549, 502553, 502557, 502559, 502575, 502607, 502610, 502622, 502623, 502632, 502633, 502634, 502635, 502667, 502673, 502700, 502716, 502738, 502768, 502773, 502775, 502784, 502809, 502811, 502819, 502820, 502824, 502852, 502855, 502856, 502860, 502913, 502943. 296847 Shaft, Lever and Vane Assembly—Automatic Choke Uses: 291040 Lever and Weight Assembly Includes: 90200 Screw (for mounting)
91	295859	Body Assembly—Upper Carburetor (Used on Model 143300 Series) Note: 296089 Body Assembly—Upper Carburetor (Used on Model 143400 Series) 296728 Body Assembly—Upper Carburetor Used on type Nos. 502574, 502732. 297683 Body Assembly—Upper Carburetor Used on type Nos.						

* Included in Gasket Set—Part No. 295970.

† Included in Carburetor Overhaul Kit—Part No. 295938.

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REF. PART NO. NO.	DESCRIPTION	REF. PART NO. NO.	DESCRIPTION	REF. PART NO. NO.	DESCRIPTION
	Used on type Nos. 0138, 0155, 0244, 502752, 502776, 502803, 502829, 502839, 502862, 502902, 502957.		502928, 502936, 502946, 502957.	161	296704 Bowl—Air Cleaner
110	62899 Washer—Choke Lever	114	†68667 Gasket—Nozzle		Note: 99926 Bowl—Air Cleaner
111	26155 Spring—Choke Lever	115	†23117 Retainer—Needle Valve		Used on type No. 502587.
	Note: 260368 Spring—Choke Return (Choke-A-Matic)		Note: 292226 Retainer Assy.—Jet Needle	162	296270 Cover and Filter—Air Cleaner
	Used on type Nos. 0129, 0130, 0135, 0140, 0204, 0228, 502516, 502519, 502520, 502522, 502529, 502530, 502539, 502542, 502549, 502553, 502557, 502559, 502575, 502607, 502610, 502622, 502623, 502632, 502633, 502634, 502635, 502667, 502673, 502700, 502716, 502738, 502768, 502773, 502775, 502784, 502809, 502811, 502819, 502820, 502824, 502852, 502855, 502856, 502860, 502913, 502943.		Used on type Nos. 0192, 0218, 0230, 0231, 0239, 0240, 0249, 0252, 0264, 0272, 0280, 502659, 502665, 502680, 502681, 502686, 502688, 502714, 502801, 502806, 502834, 502873, 502930, 502941.		Note: 99925 Cover and Filter—Air Cleaner
112	23123 Screw—Choke Lever	116	†68677 Packing—Needle Valve	163	*27907 Gasket—Air Cleaner Mtg.
113	†296286 Nozzle—Carburetor	117	†23118 Nut—Needle Valve Pkng.		Used only for Round Oil Bath or Rectangular Foam type Air Cleaners.
	Note: 296619 Nozzle—Carb.	118	†230009 Valve—Needle		Note: 27016 Gasket—Air Cleaner Mounting
	Used on type Nos. 0127, 0128, 0136, 0138, 0154, 0155, 0162, 0165, 0170, 0175, 0183, 0184, 0190, 0201, 0207, 0212, 0217, 0220, 0221, 0222, 0223, 0224, 0245, 0250, 0251, 0255, 0262, 0275, 0283, 502540, 502544, 502562, 502565, 502573, 502586, 502589, 502592, 502594, 502601, 502607, 502624, 502627, 502629, 502641, 502654, 502661, 502678, 502695, 502708, 502713, 502725, 502736, 502752, 502759, 502776, 502802, 502803, 502807, 502808, 502812, 502825, 502833, 502839, 502846, 502851, 502862, 502863, 502866, 502868, 502876, 502895, 502902, 502905, 502914, 502920, 502925,		Note: 230085 Valve—Needle		27858 Gasket—Air Cleaner Mounting
			Used on type Nos. 0192, 0218, 0230, 0231, 0239, 0240, 0249, 0252, 0264, 0272, 0280, 502659, 502665, 502680, 502681, 502686, 502688, 502714, 502801, 502806, 502834, 502873, 502930, 502941.		Used on type Nos. 0146, 502526, 502527, 502577, 502578, 502597, 502625, 502643, 502740.
		119	90746 Screw—Machine, Fil. Hd.—10-32 x 5/8"	164	298595 Pipe Assy.—Air Cleaner
			Note: 91359 Screw—Machine, Fil. Hd.—10-32 x 3/4"		(For Round Foam Type)
			Used on type Nos. 502574, 502732.		Used after Serial No. 423825 on Model 143300
		120	92290 Washer—Lock—No. 10 x 1/16" x 3/64"		Series engines except those with Speed Control Housing.
		121	295938 Carburetor Overhaul Kit		(Ref. No. 260)
		160	296434 Cleaner Assembly—Air		Note: 295378 Pipe Assembly—Air Cleaner
			Note: 99230 Flame Arrestor		(For Oil Bath and Rectangular Foam Type)
			Used on type No. 502913.		(Used before Serial No. 423826 only on Model 143300 Series except those with Speed Control Housing (Ref. No. 260) and as listed below).
			99908 Cleaner Assy.—Air	298410	Pipe Assembly—Air Cleaner
			Used on type No. 502587.		(For Round Foam Type Air Cleaner)
			296319 Cleaner Assy.—Air		Used after Serial No. 423825 on Model 1434
			United Specialties Label		Series Engines; also used on Model 1433
			Used on type Nos. 502523, 502577, 502584, 502597, 502602, 502625, 502643, 502726, 502727, 502740.		Series Engines with

* Included in Gasket Set—Part No. 295970.

† Included in Carburetor Overhaul Kit—Part No. 295938.

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
		Speed Control Housing. (Ref. No. 260)		230539	Stud (To Elbow) (6-19/32" long)		291513	Tank Assembly— Combination Fuel
	Note:	295593 Pipe Assembly— Air Cleaner (For Round Oil Bath or Rectangular Foam Type Air Cleaners) Used before Serial No. 423826 on Model 143400 Series engines; also on Model 143300 Series engines using a Speed Control Housing—(See Ref. No. 260)		230697	Stud (To Carb.) (6-3/16" long) Uses: 91168 Nut—Hex. 1/4-20 90832 Washer— Lock For Mtg. Elbow Used on type Nos. 0146, 502578, 502597, 502625, 502740.		Uses: 22907 Support— Upper Fuel Tank 220863 Washer— Spacer (Used between one boss on cyl. head and tank bracket) Used on type Nos. 0192, 0218, 0230, 0231, 0239, 0240, 0249, 0252, 0264, 0272, 0280, 502659, 502665, 502680, 502681, 502686, 502688, 502714, 502801, 502806, 502834, 502873, 502930, 502941.	
		210876 Elbow—Air Cleaner Used on type Nos. 502526, 502527, 502577.		230696	Stud—Air Cleaner (5-7/8" long) Used to mount Rectan- gular Air Cleaner before Serial No. 423826 on type Nos. 0156, 0157, 0183, 0226, 0243, 502544, 502574, 502753, 502823, 502846, 502847, 502909, 502921, 502935, 502936, 502939, 502940.		292415 Tank Assy. — Fuel (8 quart) Uses: 22907 Support— Upper Fuel Tank Used on type Nos. 0152, 502637, 502889.	
165	93453	Nut—Wing	167	66648	Gasket—Air Cleaner Stud	181	69221	Cap—Fuel Tank (Screw-on type)
	Note:	92067 Nut—Wing Used before Serial No. 423826 on type Nos. 0156, 0157, 0183, 0226, 0243, 502544, 502574, 502753, 502823, 502846, 502847, 502909, 502921, 502935, 502936, 502939, 502940.	168	22832	Strap—Air Cleaner Pipe		Note:	69961 Cap—Fuel Tank (Bayonet type) Used on engines before Serial No. 19401
		93288 Nut—Wing Used with United Specialties Air Cleaner on type Nos. 502523, 502577, 502584, 502597, 502602, 502625, 502643, 502726, 502727, 502740.	169	90832	Washer—Lock, 1/4" x 3/32" x 5/64"			297866 Cap—Fuel Tank Used on type Nos. 502816, 502929, 502931.
			170	91468	Screw—Cap, Hex. Hd. — 1/4-20 x 3/8"	182	220858	Bracket—Fuel Tank
			171	92129	Nut—Hex. —1/4-28		Note:	296511 Brkt. —Fuel Tank Used on type Nos: 0113, 0114, 0123, 0130, 0131, 0133, 0134, 0135, 0138, 0139, 0140, 0251, 502514, 502519, 502526, 502567, 502577, 502584, 502604, 502610, 502611, 502620, 502625, 502626, 502630, 502631, 502632, 502633, 502664, 502726, 502743, 502756, 502766, 502778, 502804, 502822, 502861, 502862, 502868, 502882, 502903, 502911, 502915, 502936, 502943.
			172	27906	Gasket—Air Cleaner			
166	230633	Stud—Air Cleaner (8-13/32" long)	180	290816	Tank Assy. —Fuel (4 quart) Note: 291488 Tank Assembly— Fuel (6 quart) Uses: 22907 Support— Upper Fuel Tank Used on type Nos. 0198, 0217, 0244, 0245, 0258, 0265, 0267, 0283, 0289, 502550, 502582, 502596, 502608, 502609, 502614, 502641, 502661, 502678, 502685, 502691, 502698, 502699, 502724, 502733, 502749, 502751, 502761, 502769, 502771, 502774, 502793, 502802, 502803, 502812, 502813, 502822, 502849, 502866, 502867, 502874, 502881, 502891, 502892, 502893, 502945.	183	291367	Strap Assy. —Fuel Tank
	Note:	230539 Stud—Air Cleaner Elbow (2)(6-19/32" long) Used on type Nos. 502526, 502527, 502577, 502578. Uses: 91168 Nut—Hex. 1/4-20 90832 Washer— Lock For Mtg. Elbow					Note:	291490 Strap Assembly—

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REF. PART NO. NO.	DESCRIPTION	REF. PART NO. NO.	DESCRIPTION	REF. PART NO. NO.	DESCRIPTION
	Fuel Tank Used on type Nos. 0152, 0192, 0198, 0217, 0218, 0230, 0231, 0239, 0240, 0244, 0245, 0258, 0265, 0267, 0283, 0289, 502550, 502582, 502596, 502608, 502609, 502614, 502637, 502641, 502659, 502661, 502665, 502678, 502680, 502681, 502685, 502686, 502688, 502691, 502698, 502699, 502714, 502719, 502724, 502733, 502749, 502751, 502761, 502769, 502771, 502774, 502793, 502801, 502802, 502803, 502806, 502812, 502813, 502822, 502834, 502849, 502866, 502867, 502873, 502874, 502881, 502889, 502891, 502892, 502893, 502930, 502941, 502945.		502726, 502773, 502811, 502812, 502832, 502863, 502883, 502924. 67218 Connector—Fuel Pipe (Plastic) (between filter and pipe) 92800 Connector—Filter (Brass) (between carb. and filter) Used on type Nos. 502541, 502813, 502831, 502844, 502869, 502887, 502916, 502950. 92800 Connector—Filter (between carb. and filter) Used on type Nos. 0151, 0196, 0204, 502675, 502775, 502948.		0257, 0258, 0259, 0260, 0261, 0262, 0263, 0265, 0267, 0268, 0270, 0271, 0273, 0275, 0276, 0277, 0278, 0279, 0282, 0283, 0284, 0285, 0286, 0288, 0289, 0291, 502520, 502521, 502535, 502543, 502544, 502546, 502548, 502549, 502550, 502557, 502558, 502566, 502568, 502569, 502571, 502576, 502579, 502580, 502582, 502583, 502585, 502587, 502588, 502591, 502595, 502596, 502599, 502605, 502606, 502613, 502614, 502615, 502616, 502619, 502622, 502636, 502638, 502639, 502642, 502643, 502644, 502645, 502647, 502648, 502650, 502652, 502653, 502655, 502656, 502658, 502661, 502663, 502666, 502668, 502672, 502674, 502679, 502683, 502684, 502685, 502690, 502692, 502694, 502695, 502696, 502698, 502699, 502700, 502702, 502704, 502705, 502709, 502715, 502717, 502719, 502720, 502721, 502722, 502728, 502731, 502733, 502734, 502735, 502738, 502741, 502742, 502745, 502746, 502747, 502748, 502750, 502758, 502761, 502763, 502767, 502769, 502780, 502782, 502783, 502784, 502787, 502789, 502793, 502795, 502796, 502797, 502799, 502805, 502814, 502816, 502828, 502830, 502835, 502836, 502837, 502840, 502849, 502850, 502853, 502854, 502857, 502858, 502859, 502860, 502864, 502865, 502872, 502874, 502877, 502879, 502880, 502881, 502884, 502888,
184	91257 Screw—Machine, Fil. Hd. — 1/4-20 x 1-1/2"				
185	90970 Nut—Square—1/4-20				
186	63377 Connector—Fuel Pipe Note: 63377 Connector—Fuel Pipe (between carb. and pipe) 92800 Connector—Filter (between carb. and filter) Used on type Nos. 502635, 502856, 502948. Note: 67218 Connector— Fuel Pipe (Plastic) Used between carburetor and fuel pipe on type No. 502635, engines using a flexible fuel pipe. 67218 Connector—Fuel Pipe (Plastic) Used on type Nos. 0160, 0236, 0242, 0244, 502530, 502553, 502621, 502637, 502657, 502667, 502693,	187	294965 Pipe—Fuel Note: 29025 Pipe—Fuel Used on type Nos. 0290, 0292, 502762. 295050 Pipe—Fuel Used on type No. 502530. 295690 Pipe—Fuel Used on Model 143400 Series and on type Nos. 0115, 0116, 0120, 0121, 0125, 0126, 0127, 0128, 0136, 0137, 0141, 0142, 0143, 0146, 0147, 0148, 0149, 0150, 0152, 0154, 0156, 0158, 0159, 0161, 0162, 0164, 0165, 0166, 0167, 0168, 0170, 0171, 0172, 0175, 0176, 0179, 0180, 0181, 0182, 0183, 0184, 0185, 0186, 0187, 0188, 0189, 0190, 0191, 0193, 0195, 0197, 0198, 0199, 0200, 0201, 0202, 0203, 0205, 0206, 0207, 0208, 0209, 0210, 0211, 0212, 0213, 0214, 0217, 0220, 0221, 0222, 0223, 0224, 0225, 0227, 0228, 0234, 0235, 0237, 0238, 0241, 0243, 0245, 0248, 0250, 0254, 0255, 0256,		

REF. PART NO. NO.	DESCRIPTION	REF. PART NO. NO.	DESCRIPTION	REF. PART NO. NO.	DESCRIPTION
	-502893, 502894, 502896, 502897, 502907, 502910, 502917, 502929, 502934, 502938, 502942, 502945, 502952, 502956. 295788 Pipe—Fuel Used on type Nos. 502523, 502527. 296004 Pipe—Fuel (Flexible) Uses: 93053 Clamps Used on type Nos. 0160, 0196, 0236, 0242, 0244, 502530, 502541, 502553, 502621, 502637, 502667, 502693, 502726, (for steel pipe for type 502726 order part 297168), 502773, 502811, 502812, 502813, 502831, 502844, 502869, 502887, 502916, 502924, 502950. 296225 Pipe—Fuel Used on type Nos. 0113, 0114, 0123, 0130, 0131, 0134, 0135, 0138, 0139, 0140, 0251, 502514, 502519, 502526, 502567, 502577, 502584, 502604, 502610, 502611, 502620, 502625, 502626, 502630, 502631, 502632, 502633, 502664, 502743, 502756, 502766, 502804, 502822, 502861, 502862, 502868, 502882, 502903, 502915, 502936, 502943. 296537 Pipe—Fuel (carburetor to filter) 89248 Pipe—Fuel (between filters) 92655 Tee The above fuel pipes and fitting are used on type Nos. 0192, 0218, 0230, 0231, 0239, 0240, 0249, 0252, 0264, 0272, 0280, 502659, 502665, 502680, 502681, 502686, 502688, 502714, 502801, 502806,	502834, 502873, 502930, 502941. 296633 Pipe—Fuel Used on type Nos. 502574, 502732. 297091 Pipe—Fuel Used on type No. 502752. 297168 Pipe—Fuel Used on type Nos. 0133, 502726 (for flexible fuel pipe for type 502726 order part 296004), 502778, 502911. 297623 Pipe—Fuel Used on type Nos. 0204, 502635, 502856. Note: Some type No. 502635 engines used flexible fuel pipe part number 296004. 188 92272 Screw—Cap, Hex. Hd. — 5/16-18 x 3/4" 189 90366 Washer—Lock, 5/16 x 1/8 x 1/16" 192 91397 Nut—Hex. —5/16-18 200 295844 Blade—Governor Note: 221148 Guide—Air (Used on Model 143400 Series) 201 260120 Link—Governor (Used on Model 143300 Series) Note: 260428 Link—Governor (Used on Model 143400 Series) 202 260383 Link—Governor (Used on Model 143300 Series) 203 221052 Crank—Bell 204 230117 Collar 205 92722 Screw—Bell Crank Mtg. 206 230533 Nut—Gov. Control Rod (Used on Model 143300 Series) Note: 230149 Nut—Governor Control Rod Used on Model 143400 Series and on type Nos. 502531, 502541, 502545, 502558, 502615, 502616, 502679.	230580 Guide—Stop 230253 Stop—Control Rod (7/8" long) 93266 Fastener Used on type Nos. 0146, 0149, 0157, 0177, 0190, 0197, 0209, 0221, 0234, 0235, 0257, 0265, 0270, 0289, 502570, 502577, 502578, 502584, 502597, 502608, 502609, 502617, 502624, 502625, 502628, 502660, 502664, 502713, 502718, 502723, 502726, 502727, 502737, 502739, 502740, 502749, 502757, 502774, 502785, 502786, 502794, 502813, 502818, 502822, 502827, 502832, 502841, 502842, 502848, 502883, 502901, 502903, 502904, 502926, 502931, 502933, 502937, 502939, 502940. 207 26855 Spring—Gov. Control Rod 208 230460 Rod—Governor Control (Used on Model 143300 Series only) Note: 230499 Rod—Governor Control Used on type Nos. 502531, 502541, 502558, 502615, 502616, 502679. 230559 Rod—Governor Control (Used on Model 143400 Series) 209 260321 Spring—Governor (Used on Model 143300 Series) Note: 260421 Spring—Governor Used on type Nos. 0205, 0213, 502520, 502523, 502526, 502527, 502532, 502567, 502568, 502574, 502587, 502596, 502605, 502722, 502732, 502762, 502779, 502816, 502854, 502857, 502924, 502929. 260546 Spring—Mech. Governor (Used on Model 143400 Series)		

143300 to 143457

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
219	296688	Governor Housing and Gear Assembly			Used on type Nos. 0160, 502553, 502621, 502637, 502657, 502811, 502812, 502883.	241	99909	Used on type No. 0236. Cover Assembly—Fuel
220	221361	Washer—Thrust (.030" thick)			296031 Filter Assy.—Fuel (at Carburetor)		Note:	21145 Cover—Fuel Filter
	Note:	220673 Washer—Thrust (1/16" thick)			Used on type Nos. 0196, 502541, 502635, 502813, 502831, 502844, 502869, 502887, 502916, 502950.			Uses: 91635 Nipple (Between carb. elbow and filter cover)
		Used on earlier model engines.			298090 Filter—Fuel			Used on type Nos. 0196, 0204, 502541, 502635, 502813, 502831, 502844, 502856, 502869, 502887, 502916, 502950.
221	230177	Cup—Governor			Used in fuel pipe on type Nos. 0236, 0242, 0244, 502693, 502726, 502924.			293966 Cover Assembly—Fuel Filter
222	221144	Bracket—Mech. Governor			297563 Outlet—Fuel Tank (less filter)			Used on type Nos. 0113, 0114, 0123, 0130, 0131, 0133, 0134, 0135, 0138, 0139, 0140, 0251, 502514, 502577, 502584, 502604, 502610, 502611, 502620, 502625, 502626, 502630, 502631, 502632, 502633, 502664, 502726, 502743, 502756, 502766, 502778, 502804, 502822, 502861, 502862, 502868, 502882, 502903, 502911, 502915, 502936, 502943.
223	221145	Lever—Governor Control			Includes: 293934 Shut-Off Valve			296005 Cover Assembly—Fuel Filter
	Note:	221520 Lever—Governor Control			230318 Connector—Fuel Pipe (opposite shut-off valve)			Used on type Nos. 0160, 502553, 502621, 502637, 502657, 502811, 502812, 502883.
		Used on type Nos. 0177, 502827.			Used as a combination to replace tank outlet and fitting assembly on type Nos. 0196, 0236, 0242, 0244, 502541, 502693, 502813, 502831, 502844, 502869, 502887, 502916, 502950.	242	295913	Valve—Fuel Shut-Off
224	91841	Screw—Machine, Fil. Hd.—6-32 x 1/4"			297563 Outlet—Fuel Tank (less filter)		Note:	293934 Valve—Fuel Shut-Off
225	230526	Shaft—Governor Lever			Includes: 293934 Shut-Off Valve			Used with tank outlet 297563.
226	220381	Follower—Gov. Crank			53029 Connector—Fuel Pipe (steel)			Outlet (see Ref. No. 240 under note) on type Nos. 0196, 0204, 0236, 0242, 0244, 502541, 502635, 502693, 502726, 502813, 502831, 502844, 502856, 502869, 502887, 502916, 502950.
227	296087	Lever Assy.—Governor			Used as a combination to replace tank outlet and fitting assembly on type Nos. 0204, 502635, 502856.			Note: 293934 Valve replaces: 89614 Valve—Shut-Off
228	93100	Screw—Governor Lever			Some type No. 502635 engines used part number 67218 Connector for flexible fuel pipe.			
229	220680	Washer—Thrust			297563 Outlet—Fuel Tank (less filter)			
230	22826	Washer—Spacer			67218 Connector (Plastic)			
231	93064	Screw—Governor Housing to Crankcase Cover Mounting Sem			Used on type Nos. 502726, 502924 with flexible fuel pipe.			
232	260178	Spring—Governor Link			298090 Filter—Fuel (in Fuel Pipe)			
240	99910	Filter Assembly—Fuel						
	Note:	293964 Filter Assy.—Fuel						
		Used on type Nos. 0113, 0114, 0123, 0130, 0131, 0133, 0134, 0135, 0138, 0139, 0140, 0251, 502514, 502577, 502584, 502604, 502610, 502611, 502620, 502625, 502626, 502630, 502631, 502632, 502633, 502664, 502726 (for filter in fuel pipe used on type 502726 order part 298090), 502743, 502756, 502766, 502778, 502804, 502822, 502861, 502862, 502868, 502882, 502903, 502911, 502915, 502936, 502943.						
		295984 Filter Assy.—Fuel						
		Uses: 91635 Nipple (To connect filter to tank)						

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
		93255 Elbow (brass)			between filter and tank.	285	260505	Link—Automatic Choke
		67218 Elbow (plastic)			230318 Connector—Fuel Pipe (plastic)	286	296838	Thermostat Assembly
		Used on some type No. 502635 engines.			Used on type Nos. 0160, 0196, 0236, 0242, 0244, 502553, 502621, 502637, 502811, 502812, 502869, 502883, 502887.	287	90050	Screw—Machine, Rd. Hd. —6-32 x 1/4"
243	22547	Screen—Fuel Filter				288	90362	Washer—Lock—No. 6 x 3/64 x 1/32"
	Note:	62876 Screen—Fuel Filter	245	*68477	Gasket—Fuel Filter Bowl	289	23886	Support—Thermostat Shaft (outer)
		Used on type Nos. 0196, 0204, 502541, 502635, 502813, 502831, 502844, 502856, 502869, 502887, 502916, 502950.	246	298683	Bowl—Fuel Filter	290	296837	Bracket and Tube
244	53029	Connector—Fuel Pipe	247	99665	Yoke—Fuel Filter	291	26594	Thermostat
	Note:	63377 Connector	258	93062	Screw—Sem	292	23885	Support—Thermostat Shaft (inner)
		Used on type Nos. 0113, 0114, 0123, 0130, 0131, 0133, 0134, 0135, 0138, 0139, 0140, 0204, 0251, 502514, 502577, 502584, 502604, 502610, 502611, 502620, 502625, 502626, 502630, 502631, 502632, 502633, 502635, 502664, 502726 (with metal fuel pipe), 502743, 502756, 502766, 502778, 502804, 502822, 502856, 502861, 502862, 502868, 502882, 502903, 502911, 502915, 502936, 502943.	260	295917	Housing—Speed Control	293	23884	Stop—Thermostat Shaft
		67218 Connector (plastic)	261	93105	Screw—Sem	294	92678	Screw—Set Socket Head—6-32 x 5/16"
		Used on the following type numbers when equipped with a flexible fuel pipe: 0196, 502541, 502635, 502726, 502813, 502831, 502844, 502869, 502887, 502916, 502950.	263	93223	Screw—Stop	295	230624	Shaft—Thermostat
		91635 Connector (straight)	264	90355	Nut—Hex. —10-32	296	291044	Lever Assy. —Thermostat
		Used between filter and fuel pipe on type Nos. 502675, 502775, 502948.	265	22372	Clamp—Casing	300	294599	Muffler—Exhaust
		92800 Connector—Filter (2)	266	291460	Control—Throttle		Note:	89953 Muffler—Exhaust
		Used on type Nos. 0133, (502726 with metal fuel pipe), 502778, 502911	267	90080	Screw—Machine, Rd. Hd. —10-32 x 7/16"			Used on type Nos. 0170, 0178, 0197, 0242, 0257, 502637, 502657, 502744, 502754, 502756, 502781, 502842, 502903, 502904, 502908, 502910, 502912, 502936, 502946.
			268	65616	Casing—Control Wire—72" long			296371 Muffler—Exhaust
				Note:	If longer casing is required, specify length in inches; if shorter wire is needed, order No. 65616 and cut to required length.			Used on type Nos. 0138, 0155, 0212, 0255, 502752, 502776, 502803, 502839, 502846, 502851, 502862, 502902, 502957.
			269	26633	Wire—Control—78" long			297205 Muffler—Exhaust
				Note:	If longer wire is required, specify length in inches; if shorter wire is needed, order No. 26633 and cut to required length.			Used on type Nos. 0146, 502786.
			270	63426	Locknut—Control Wire Casing	301	91245	Nipple—Exhaust
			271	290568	Lever Assy. —Control	302	91242	Locknut—Muffler and Elbow
				Note:	294930 Sector and Lever	303	91246	Elbow—Muffler—45 degree
					Used on type No. 502811.		Note:	91205 Elbow—Muffler, 90 degree
			272	290584	Base—Control Wire			Used on type Nos. 0244, 502588, 502622, 502700.
			273	290642	Lever—Control			91219 Elbow—Muffler, 45 degree, Street
			274	91237	Washer—Lock—1/4 x 3/32 x 5/64"			Used on type Nos. 0144, 0149, 0226, 0243, 502539, 502572, 502657, 502716, 502824, 502879, 502910, 502933, 502939, 502940, 502949.
			275	92287	Screw—Machine, Rd. Hd. —10-32 x 1/4"			
			276	22834	Washer—Spacer			
			277	22368	Washer—Control Lever			
			278	22725	Washer—Control Lever			
			279	92306	Screw—Cap, Hex. Hd. —1/4-28 x 5/8"			

* Included in Gasket Set—Part No. 295970.

143300 to 143457

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
		91464 Elbow—Muffler, 90 degree, Street Used on type Nos. 0153, 0166, 0197, 0202, 0204, 0219, 0234, 0236, 0253, 0257, 0267, 502539, 502634, 502635, 502637, 502672, 502716, 502729, 502738, 502754, 502756, 502763, 502780, 502781, 502784, 502785, 502800, 502818, 502828, 502842, 502843, 502844, 502855, 502856, 502881, 502908, 502912, 502931, 502934, 502944, 502947, 502949, 502950.			502625, 502626, 502630, 502631, 502632, 502633, 502664, 502667, 502693, 502726, 502740, 502743, 502756, 502766, 502822, 502832, 502861, 502903, 502946, 502953, 502958. 296516 Housing—Blower. When ordering this blower housing, order No. 297415 screw and nut kit also, to remount the belt guard. Used on type Nos. 0204, 502635, 502856. 297017 Housing—Blower Used on type No. 502727. 297127 Housing—Blower Used on type Nos. 0177, 0213, 502587, 502722, 502732, 502779, 502816, 502827, 502830, 502831, 502887, 502888, 502929. 297188 Housing—Blower Used on type Nos. 0236, 0242, 502813, 502844, 502916, 502950. 297189 Housing—Blower Used on type Nos. 0112, 0132, 0137, 502513, 502530, 502637, 502773, 502810, 502811, 502838, 502839, 502889, 502913. 297729 Housing—Blower Used on type Nos. 0138, 502862. Uses: 221264 Plate— Baffle 93166 Screw— Plate Mtg. (3) 298106 Housing—Blower Used on type Nos. 0151, 502948. 298490 Housing—Blower Used on type No. 0244. Uses: 221264 Plate— Baffle 93166 Screw— Baffle Plate Mounting (3)			Note: 91439 Screw—Cap, Hex. Hd. —1/4-20 x 3/8" 90832 Washer—Lock To Mount Guard to Guard Bracket on type Nos. 502813, 502844, 502916. 92666 Screw—Cap, Hex. Hd. —1/4-20 x 1/2" 92778 Washer—Lock— Shakeproof Used on type Nos. 0196, 502869, 502957. 93294 Screw—Blower Housing Mtg. Sem (At Bottom) 62199 Washer—Plain Used on type Nos. 0133, 502519, 502526, 502533, 502567, 502577, 502584, 502604, 502732, 502813, 502831, 502844. 306 221005 Shield—Cylinder 307 93163 Screw—Cylinder Shield Mounting Sem 308 220824 Cover—Cylinder Head Note: 221153 Cover—Cyl. Head Used on type Nos. 0138, 0170, 0175, 0184, 0190, 0207, 0211, 0217, 0223, 0238, 0245, 0250, 0251, 0265, 0283, 502540, 502583, 502586, 502594, 502624, 502627, 502629, 502637, 502642, 502644, 502658, 502661, 502662, 502677, 502692, 502708, 502725, 502736, 502759, 502774, 502790, 502802, 502803, 502807, 502812, 502829, 502862, 502868, 502910, 502922, 502932, 502946. 309 296122 Motor—Electric Starter (12 volt) (Electric Auto-Lite No. Med 4001) For Service on these motors see your nearest "Authorized Auto-Lite Service Station". 310 93268 Bolt—Case 317 296013 Bracket—Starter
304	294605	Housing—Blower Note: 221269 Housing—Blower Used on type Nos. 0155, 0212, 0223, 0255, 502752, 502776, 502803, 502829, 502846, 502851, 502902, 502957. Uses: 221264 Plate— Baffle 93166 Screw— Baffle Plate Mounting (3) 296012 Housing—Blower When ordering this blower housing, order No. 297415 screw and nut kit also, to remount the belt guard. Used on type Nos. 0113, 0123, 0133, 0251, 502526, 502567, 502577, 502584, 502604, 502778, 502868, 502882, 502911, 502915, 502936, 502943. 296454 Housing—Blower When ordering this blower housing, order No. 297415 screw and nut kit also, to remount the belt guard. Used on type Nos. 0114, 0130, 0131, 0134, 0135, 0139, 0140, 0169, 0246, 0278, 502610, 502611, 502620,	305	93158	Screw—Sem			

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
320	297162	Pulley—Idler		Note:	296518 Guard—Belt Used on type Nos. 0204, 502635, 502667, 502856.			502583, 502644, 502751, 502774.
321	210961	Pulley—Electric Starter				337	29693	Plug—Spark
321A	210899	Pulley—Vee Belt	328A	221447	Guard—Belt		Note:	291954 Plug—Spark
	Note:	211027 Pulley—Starter Used on type Nos. 0204, 502635, 502667, 502856.		Note:	210758 Guard—Belt Used on type Nos. 502513, 502637 is re- placed by No. 297517 Starter Bracket Kit.			Used on type Nos. 0196, 502869, 502914, 502957.
322	90931	Screw—Cap, Hex. Hd. — 1/4-20 x 2-1/4"	329	93246	Screw—Belt Guard Mounting Sem			293918 Plug—Spark
	Note:	92636 Screw—Cap, Hex. Hd. —1/4-20 x 2"	330	29878	Rope—Starter			Used on type Nos. 0154, 0155, 0162, 0165, 0184, 0212, 0218, 0255, 0257, 0275, 502565, 502574, 502589, 502601, 502641, 502654, 502678, 502684, 502695, 502714, 502776, 502777, 502846, 502851, 502863, 502866, 502871, 502876, 502902, 502905, 502925, 502941.
		Used on type Nos. 0204, 502513, 502563, 502581, 502593, 502635, 502637, 502667, 502671, 502773, 502800, 502810, 502811, 502813, 502824, 502831, 502838, 502844, 502887, 502889, 502913, 502916, 502950.		Note:	295904 Rope—Starter Used on type No. 502756.			
323	67318	Belt—Vee	332	92284	Nut	338	29806	Gasket—Spark Plug
323A	68588	Belt—Vee Used after Serial No. 6503171.	333	296834	Armature Assembly	339	29667	Breaker Assy.—Ignition
	Note:	66828 Belt—Vee Used before Serial No. 6503181.		Note:	296703 Armature Assy. Uses: 295179 Shielding Sleeve—Ignition Cable	340	26018	Spring—Breaker Arm
		67388 Belt—Vee Used on type Nos. 502513, 502637 before Serial No. 132142; also used on type Nos. 502563, 502593.			66298 Bushing— Ignition Cable	342	65704	Plunger—Breaker Point
		67708 Belt—Vee Used on type Nos. 0236, 0242, 0244, 502813, 502844, 502916, 502950.			92704 Terminal— Ignition Cable	343	29861	Condenser
					Used on type Nos. 502869, 502914, 502957.	344	93370	Screw—Condenser Mounting Sem
324	221067	Screen—Electric Starter	334	93381	Screw—Armature Mounting Sem	345	221046	Cover—Breaker Point
	Note:	297004 Screen — Electric Starter Used on type No. 502726.	335	93381	Screw—Armature Mounting Sem	346	93014	Screw—Breaker Point Cover Mounting Sem
		Uses: 230718 Spacer 93106 Screw—Sem Used between screen and pulley.	336	294735	Cable—Ignition This group of ignition cables including Part 294735 is used on engines when cable is not molded in ignition coil.	347	221808	Switch—Stop
				Note:	296010 Cable—Ignition Used on type Nos. 502540, 502586, 502594, 502624, 502627, 502629, 502637, 502642, 502658, 502661, 502662, 502677, 502692, 502708, 502725, 502736, 502759, 502790, 502802, 502803, 502807, 502812, 502829, 502839, 502862, 502868, 502910, 502922.		Note:	220197 Switch—Stop Used on type Nos. 0146, 0214.
325	221400	Pulley—Rope Starter			296236 Cable—Ignition Used on type Nos.			293739 Switch—Stop Used on type Nos. 0200, 502599, 502815.
326	92272	Screw—Cap, Hex. Hd. — 5/16-18 x 3/4"				348	67118	Block—Stop Switch
327	93188	Washer—Lock, 5/16 x 3/32 x 5/64"				349	221077	Blade—Switch
328	221122	Guard—Belt				350	221078	Clamp—Switch Blade
						351	93218	Screw—Stop Switch
						352	66068	Washer—Insulating
						353	92791	Washer—Lock— Shakeproof
						354	90576	Nut—Hex. —8-32
						355	66554	Collar—Insulating
						356	295413	Wire—Ground
						357	91540	Key—Pulley
							Note:	63055 Key—Pulley Used on type No. 502928.
						358	295970	Gasket Set
						362	291630	Shield—Spark Plug (with stop switch)
							Note:	66538 Elbow—Spark Plug

143300 to 143457

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
		Used on type Nos. 0197, 0200, 0242, 502599, 502800, 502815, 502842, 502889, 502931.	490	67125	Fuse—3Ag—7-1/2 Amps.		Note:	296180 Regulator (Delco-Remy No. 1119165)
		89742 Shield—Spark Plug Used on type No. 502637.	491	221241	Support—Charger Mtg.			Used on type Nos. 502563, 502593, 502829, 502913.
363	19165	Puller—Flywheel (optional accessory)	492	296028	Starter—Gen. (12 volt) (Delco-Remy No. 1101968 and Pulley—Delco-Remy No. 1949358.)			297196 Regulator—Voltage (Delco-Remy No. 1119577)
370	66437	Washer—Plain		Note:	297423 Starter—Generator (Delco-Remy No. 1101990)			Uses: 297197 Clamp (Regulator to Generator)
380	62199	Washer—Plain			Used on type Nos. 502563, 502593, 502829, 502913.			297199 Wire—Lead (2) (Regulator to Generator)
381	91419	Screw—Cap, Hex. Hd. — 1/4-20 x 5/8"			Uses: 221703 Fan (Delco-Remy No. 1944437)			
382	92666	Screw—Cap, Hex. Hd. — 1/4-20 x 1/2"			296182 Pulley (Delco-Remy No. 1949358)			
	Note:	93383 Screw—Starter Bracket Mounting			For service on the Starter—Generator and Voltage Regulator see your nearest "Authorized Delco-Remy Service Station of United Motors"			
		91808 Washer—Lock Used on type Nos. 0204, 502635, 502856.	493	211112	Bracket—Starter	502	93107	Screw—Sem
383	89838	Wrench—Spark Plug		Note:	295366 Bracket—Upper Starter	503	221205	Strap—Starter (long)
384	62899	Washer—Thermostat			296197 Bracket—Lower Starter		Note:	Starter Strap (long) used on type No. 502667 is furnished by Copar, Inc., Laurel, Md.
401	211009	Spacer—Carb. Elbow (Used only on engines equipped with automatic choke)			Used on type Nos. 502513, 502637 are replaced by Starter Brkt. Kit No. 297517.			221314 Strap—Starter (long)
411	93448	Plug—Oil Level Hole						Used on type Nos. 0204, 502635, 502856.
413	230581	Nut—Starter Mounting				504	221206	Strap—Starter (short)
474	296436	Armature—Flywheel Gen.					Note:	Starter Strap (short) used on type No. 502667 is furnished by Copar, Inc., Laurel, Md.
475	296562	Rectifier						221316 Strap—Starter (short)
477	67538	Sleeving—Wire						Used on type Nos. 0204, 502635, 502856.
478	296367	Plate—Generator Mtg.	497	91203	Screw—Cap, Hex. Hd. — 5/16-18 x 1-3/4"	505	92278	Nut—Hex. —1/4-20
480	93163	Screw—Support Plate and Bracket Mounting Sem		Note:	92271 Screw—Cap, Hex. Hd. —5/16-18 x 1"	506	90072	Screw—Machine, Rd. Hd. —8-32 x 5/8"
	Note:	93171 Screw—Support Plate Mounting Sem Used on type Nos. 502620, 502625, 502664, 502726, 502740, 502822, 502832.			Used on type Nos. 502513, 502563, 502637 before Serial No. 132142 to mount generator to bracket.	507	66895	Insulator
481	230582	Spacer—Armature Mtg.			92035 Screw—Cap, Hex. Hd. —5/16-18 x 2-1/2"		Note:	66935 Insulator Used on type Nos. 0196, 502869, 502914.
482	93234	Screw—Armature Mounting Sem			Used on type Nos. 502513, 502563, 502637 before Serial No. 132142 to mount lower bracket to engine.	508	93294	Screw—Blower Housing Mounting Sem
483	296266	Capacitor (Condenser)	500	91325	Washer—Plain	512	296560	Armature and Wiring Assy.
484	93166	Screw—Self Tapping, Hex. Hd., Sem	501	295924	Regulator—Voltage (Delco-Remy No. 1118988)	513	296567	Clutch Assembly—Electric Starter
485	296437	Post Assembly—Fuse				514	91700	Nut—Hex. —1/4-20
486	67135	Fuse—3Ag—1-1/2 Amps.						
487	296347	Cap—Fuse Holder						
488	296579	Block Assembly—Fuse						
489	93237	Screw—Fuse Block Mounting Sem						

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
517	295423	Pulley—Rope Starter			0243, 502544, 502574,			297171 Bracket—Guard (Lower)
518	69932	Rope—Starter			502753, 502823, 502846,			297187 Bracket—Guard (Upper)
	Note:	295904 Rope—Starter Used on type No. 502754.			502847, 502909, 502921, 502935, 502936, 502939, 502940.			Uses: 91439 Screw—Sem To mount Guard Bracket 297171 to Blower Hsg. (2 used)
521	297973	Shielding—Ignition Cable Used on ignition cables molded into coil.	536	298681	Cleaner Assembly—Air (Round Foam Type) Used after Serial No. 423825.	606	221790	Strap—Adjusting (Used after Serial No. 6503171).
523	295940	Cap Assy.—Oil Filler		Note:	297036 Cleaner Assy.—Air (Rectangular Foam Type) Used before Serial No. 423826 on type Nos. 0156, 0157, 0183, 0226, 0243, 502544, 502574, 502753, 502823, 502846, 502847, 502909, 502921, 502935, 502936, 502939, 502940.		Note:	221445 Strap—Adjusting (Used before Serial No. 6503181).
	Note:	295688 Cap Assy.—Oil Filler Used on type No. 502521.						220881 Strap—Adjusting Used on starter generator end flange on engines before Serial No. 132142.
		295923 Cap Assy.—Oil Filler Used on type Nos. 502532, 502533, 502567, 502584, 502626, 502889.	589	93171	Screw—Stop Switch Mounting Sem			221443 Strap—Adjusting Used on type Nos. 0236, 0242, 0244, 502813, 502831, 502844, 502887, 502916, 502950.
524	65304	Gasket—Oil Filler Cap	590	93226	Screw—Breaker Mtg.	608	295001	Starter Assy.—Rewind
525	230553	Pipe—Oil Filler	600	270055	Spacer—Air Cleaner Used on Model 143300, 143400 Series engines with No. 297036 Air Cleaner.		Note:	298107 Starter Assy.—Rewind Used on type Nos. 0151, 502948.
	Note:	230525 Pipe—Oil Filler Used on type No. 502521.			(Rectangular Foam Type)	610	93337	Pin—Thermostat Shaft
		230553 Pipe—Oil Filler	605	298758	Bracket—Guard (Used after Serial No. 6503171).	621	297472	Switch—Stop
		230537 Adaptor—Oil Filler Pipe		Note:	297170 Bracket—Guard (Used before Serial No. 6503181).	627	221568	Bracket—Stop Switch
		91847 Screw—Adaptor Pipe Used on type Nos. 502532, 502533, 502567, 502584, 502626, 502889.			294779 Bracket—Guard Used on type Nos. 502513, 502637 before Serial No. 132142 is replaced by Starter Brkt. Kit No. 297517.	642	221634	Cover—Air Cleaner
535	270209	Element—Air Cleaner (Round Foam Type) Used after Serial No. 423825.				643	298522	Screen—Air Cleaner
	Note:	27987 Element—Air Cleaner (Rectangular Foam Type) Used before Serial No. 423826 on type Nos. 0156, 0157, 0183, 0226,				655	221014	Anchor—Spring
						656	260672	Spring—Idle Arm

